

UNITED STATES GOVERNMENT

Memorandum

TO : Director of Communications

OCE-M76-050

DATE: 4 February 1976

FROM : Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report -- January 1976

1. Twenty-five SV-8 chassis/cabinets were placed into stock. In addition, the 12 SV-8's issued to Area Headquarters were recalled and are currently being modified to bring them up-to-date. The preliminary groundwork for the SV-8 training package was initiated. The training package will use an audio/visual slide concept and will be coordinated with OC-O/COD, OC-E/CED, OC-CS, and OC-S/CMD prior to release.

2. A program review on the RS-708/RS-709 and signaling in general was held. Implementation of several proposed recommendations are pending approval.

25X1 3. An engineering model of the CV-651 IF down converter, with associated Collins 651S receivers, has been installed in one of the [] PD-2 positions for test purposes. The 651S receivers are programmed replacements for the PD-2 Racal receivers. The CV-651 will provide interface between VLF and HF receivers and also allow remote frequency control of both HF receivers.

25X1 4. Discussions were held with [] relative to increasing the [] signal by 3 dB. Since any [] change will require a sizable dollar investment, OC has asked OD&E to formally document the justification for this requirement.

25X1 5. OD&E engineers, Messrs. [] and [] were briefed on the present OC [] field sets. The briefing helped OD&E better understand the philosophy of equipment concealments, operational considerations, and related matters.

6. It is expected that OL/Procurement Division will mail the AFT RFP to prospective bidders on or about 3 February 1976. The additional delay is attributed to OL's decision to reformat the RFP to comply with general instructions governing ADP procurement proposal preparation.

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25X1 7. [] rejected our letter of approval for the CDS Functional Specification on the basis that the resource utilization limits cited in the specification were design goals and not maximum allowable limits as stipulated in our letter. Following a series of discussions with OL/Procurement Division, a letter was forwarded to [] expressing concern about the status of the CDS project. The major issues addressed in the letter concern resource utilization (reserve core, VDU response time, overlay software) and the implementation schedule. 25X1

25X1 8. On 13 January, a clocked Delta Data/COMTEN configuration was successfully tested on a full-duplex 2400 BPS circuit from the OJCS computer center through [] facilities to [] and then looped back to the COMTEN. This testing was undertaken to determine the feasibility of providing remote computer terminal operation via a SKYLINK AVD channel. Further testing will be conducted when a suitable 2400 BPS satellite circuit becomes available. 25X1

9. Contractors responsible for both the office renovations and secure communications systems at [] Building continued to recover time lost during the previous stop-work period. As of this time, all communications system installations are on schedule. Items remaining before the entire system is considered operational include checking out of the key systems and the individual telephones, both scheduled for 2 February. 25X1

10. F&M has indicated that they are two weeks behind schedule, but it appears that they may be four weeks behind. Factory preacceptance is now scheduled for 23 February.

25X1 11. Two of the four T-96 time division multiplexers procured for the []/Headquarters circuit were returned to Timeplex for correction of latent defects. The units were returned on 28 January and are now being installed by Timeplex personnel. The remaining two units will be returned for repair when the first two are operating properly.

25X1 12. Several meetings were held between Agency and [] representatives to finalize the draft of the [] Standards Manual. The Manual is now in final typing. 25X1

25X1 13. Following numerous spin-up outages in early January, the [] satellite suffered a major

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25X1 outage on 11 January and has not been available for SKYLINK
25X1 use since that date. SKYLINK circuits were restored to
[redacted] on 14/15 January via the [redacted]
satellite. [redacted] was established
on 30 January.

25X1 14. A revised acceptance procedure for the SG-75B
was agreed to by Harris (Gates Division) and implemented
at [redacted] this month. Harris will increase the burn-in
time by 80 hours; and, in return, [redacted] will make minor
repairs. 25X1

15. A manufacturing defect was discovered in the
AK-4 racks and brought to the attention of Cooke Engineering.
Cooke has modified their test fixture to find grounded cables
which have been the basis of previous rejections.

25X1 16. A "PACE" P.C. Board Repair Course was conducted
at [redacted] 19-23 January for 12 OC technicians.

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